


**HOLY MOSES WASH HEC-RAS LOCAL STORM ANALYSIS
(100yr., 6 hr PRECIPITATION)**

LOCATION (STATION)	DESCRIPTION	MAIN CHANNEL (CFS)	DIVERSION (CFS)
277+50	APEX (JHM5)	9,255	0
260+00	UPSTREAM	9,178	0
	DIVERSION 3	8,308	947
210+00	TRIBUTARY FLOW	8,077	0
175+00	DIVERSION 2	6,958	1,119
140+00	DIVERSION 1 (JHM4)	4,078	2,880

* HMDIVB-
1,119 cfs DIVERTED FROM HOLY MOSES WASH
(DIVERSION WASH 2) WASH TO THIRTEEN
MILE WASH BASIN 3 (13M-3)

**HOLY MOSES WASH HEC-RAS GENERAL STORM ANALYSIS
(100yr., 24 hr PRECIPITATION)**

LOCATION (STATION)	DESCRIPTION	MAIN CHANNEL (CFS)	DIVERSION (CFS)
277+50	APEX (JHM5)	22,333	0
260+00	UPSTREAM	22,261	0
	DIVERSION 3	19,779	2,482
210+00	TRIBUTARY FLOW	20,228	0
175+00	DIVERSION 2	15,182	5,046
140+00	DIVERSION 1 (JHM4)	14,298	884

* HMDIVB-
5,046 cfs DIVERTED FROM HOLY MOSES WASH
(DIVERSION WASH 2) WASH TO THIRTEEN
MILE WASH BASIN 3 (13M-3)

LEGEND:		DETENTION BASIN TABLE
	PROJECT BOUNDARY	2-12 X 6 OUTLET
	FEMA FLOOD PLAIN	Q out 9,400 cfs.
	DRAINAGE SHED BOUNDARY	Q in 17,100 cfs.
		STORAGE 875 AC. FT.
		DEPTH 12 FT.
		DETENTION BASIN TABLE
		HM-A = HOLY MOSES WASH - DRAINAGE SHED A
		13M-2B = THIRTEEN MILE WASH - TRIBUTARY 2, DRAINAGE SHED B
		C-1C = CERBAT WASH - TRIBUTARY 1, DRAINAGE SHED C
		JHM5 = JUNCTION HOLY MOSES WASH, NODE 5